

Claims

1. A pipe made of several different materials by
5 continuous extrusion, c h a r a c t e r i z e d in that
the innermost layer is a plastic layer (15), outside of
which there is an inner electrode layer (32c), outside of
which there is an insulating layer (32b), outside of which
there is an outer electrode layer (32a).

10 2. A pipe according to claim 1 for conducting gas
indoors, c h a r a c t e r i z e d in that the electrode
layers (32a, 32c) are connected electrically in such a way
that the perforation of the electrode layers (32a, 32c)
brings about an alarm.

15 3. A pipe according to claim 1, c h a r a c -
t e r i z e d in that the electrode layers (32a, 32c) are
connected electrically in such a way that a strain
resulting from the loading of the pipe produces a warning
signal.

20 4. A pipe according to claim 1, c h a r a c -
t e r i z e d in the pipe is used as a ventilation or a
soil and waste pipe and that the electrode layers (32a,
32c) are connected electrically in such a way that the
outer surface of the pipe reproduces a sound which is
25 opposite to the signal measured from the inside of the
pipe so that the counter-wave produced in the outer
electrode layer (32a) muffles the noise occurring inside
the pipe.